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### 1 [Article abstracts with full text online: A systematic approach to identifying a safe subset for safety-critical software](#)

P. V. Bhansali


July 2003 **ACM SIGSOFT Software Engineering Notes**, Volume 28 Issue 4Full text available:  [pdf\(110.23 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Programming languages and design methodologies need to be tailored before they can be used in safety-critical software. This tailoring is done via subsetting which excludes certain features that are hard to use and verify. A systematic approach to subsetting is described with examples from real-world applications.

**Keywords:** design methodologies, programming languages, safe subset

### 2 [A hybrid approach to software reuse](#)

Sanjay Bhansali

August 1995 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 1995 Symposium on Software reusability**, Volume 20 Issue SIFull text available:  [pdf\(492.31 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe a hybrid approach to software reuse in an ongoing project that addresses a challenging software engineering task. The approach is driven by an architectural design and makes use of both code components and program synthesis technology. We describe criteria that were used in choosing the reuse strategy for different parts of the application and argue that to be successful a reuse strategy must be driven by the needs of an application program instead of adapting a software develop ...





### 3 [Process programming by hindsight](#)

Pankaj K. Garg, Sanjay Bhansali

June 1992 **Proceedings of the 14th international conference on Software engineering**Full text available:  [pdf\(906.07 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

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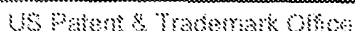
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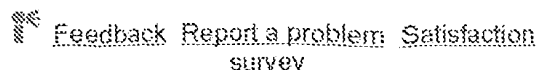
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```
+input +file +(metadata +or +annotations) +exception +hand
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**Keywords:** Weave.NET, aspect-oriented programming, common language infrastructure, language-independence

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**Web** Results 1 - 10 of about 222 for input file annotation indicates place "exception handlers". (0.33 seconds)

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... a series of transformation steps, the **input** program P is ... the method body, including **exception handlers**, but excluding ... of booleans This array **indicates** for each ...

[nil.ics.uci.edu/~probst/publications/TR-ICS-04-10.pdf](http://nil.ics.uci.edu/~probst/publications/TR-ICS-04-10.pdf) - [Similar pages](#)

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... The x-axis **indicates** the the size of the method in ... For example, a class- **file** with 100 methods (each 64kb ... flow analysis to decide whether the **input** program is ...

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... time errors which is valid for all **input** data within ... numbers: an unprovable VC almost certainly **indicates** a problem ... s output takes the form of a **file** for each ...

[www.praxis-cs.co.uk/pdfs/Industrial\\_strength.pdf](http://www.praxis-cs.co.uk/pdfs/Industrial_strength.pdf) - [Similar pages](#)

[PDF] [Improving the precision and correctness of exception analysis in ...](#)

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... So a class **file** that was generated from a language other than Java ... that aggressively seeks opportunities to share code among **exception handlers**, may include an ...

[www.sable.mcgill.ca/publications/techreports/sable-tr-2003-3.pdf](http://www.sable.mcgill.ca/publications/techreports/sable-tr-2003-3.pdf) - [Similar pages](#)

[SGI TPL \(IRIX 6.5: Developer/ProDev\\_Perf - Chapter 5. Performance ...](#)

... View window displays performance metrics in the **annotation** column. ... You can also specify how C++ **file** names (if ... such as a disk access or waiting for user **input**. ...

[techpubs.sgi.com/.../SGI\\_Developer/ProDev\\_Perf/sgi\\_html/ch05.html](http://techpubs.sgi.com/.../SGI_Developer/ProDev_Perf/sgi_html/ch05.html) - 101k - [Cached](#) - [Similar pages](#)

[CVS log for talc/apps/popcorn/talx86/tal.h](#)

... the point when we first detect the **annotation** we check ... and COFF) 9. disobjfile.ml – generic object **file** interface used ... that we have a way to **input** more than ...

[cvs.cs.cornell.edu:12000/cvsweb/talc/apps/popcorn/talx86/tal.h](http://cvs.cs.cornell.edu:12000/cvsweb/talc/apps/popcorn/talx86/tal.h) - 52k - [Supplemental Result](#) - [Cached](#) - [Similar pages](#)

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... **annotation** (1) An added descriptive comment or explanatory ... The application mode also **indicates** the transport mode ... **file** In RPG, an **input file** containing array ...

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... 44 3.12 **Annotation** Declarations – New ... 149 A.14 **File** Sharing – Removed ... thanks to Tucker Taft and Intermetrics for making available the Scribe **input** for draft ...

[www.cs.utexas.edu/users/boyer/ftp/cli-reports/114.pdf](http://www.cs.utexas.edu/users/boyer/ftp/cli-reports/114.pdf) - [Supplemental Result](#) - [Similar pages](#)

[Understand for Ada Build Change Log](#)

... Added alert message to output that **indicates** lack of ... Reports and Analysis of Project", "**Input/Output** Report ... option: Link dot references in html **file annotation**. ...

[www.scitools.com/buildlogs/uada\\_build\\_log.html](http://www.scitools.com/buildlogs/uada_build_log.html) - 101k - [Cached](#) - [Similar pages](#)

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... identifier identifies the type of **annotation**. ... is the value to be used as the **input**